

Date: Fri, 15 Jul 94 02:07:39 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #794  
To: Info-Hams

Info-Hams Digest                      Fri, 15 Jul 94                      Volume 94 : Issue    794

Today's Topics:

                    A Proposed Message System  
                    Beginner Questions  
          CALL YOUR CONGRESSPERSON!!! (was Re: FCC Delays now at 17 weeks!  
                    Enough already  
          Keyers and Positive/Negative keylines  
                    LF Band experience?  
                    Licensing...  
          Listening to Comet/Jupiter collision  
          Please read: Ham Radio Bootcamp (Long)  
                    Still waiting...  
          VHF & UHF in NYC Metro Ar  
                    Wanted 2 or 6 meter rig  
                    Which Ringo Do I Buy

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.  
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Date: Thu, 14 Jul 1994 03:30:20 GMT  
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!  
shopson@network.ucsd.edu  
Subject: A Proposed Message System  
To: info-hams@ucsd.edu

Sounds great, but are you sure you won't be competing with  
AT&T's 20% off everything or MCI's friends and family or  
maybe Sprint's 20% off the MOST...

And with the price of college now a days, only rich kids whose parents pay the phones can afford to go out of town for school anyway.

8-)

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      o_/
     _/ |
    _/_\ _
   _/_\ _/
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Cowabunga, dude.....

shopson@netcom.com

Scott Hopson

Costa Mesa, Ca.

-----  
Date: 14 Jul 1994 13:01:00 GMT  
From: mozz.unh.edu!132.177.128.23!needell@uunet.uu.net  
Subject: Beginner Questions  
To: info-hams@ucsd.edu

In article <2vvblj\$r8m@news.csus.edu> dbrown@CSUS.EDU (Dan Brown) writes:

I'd also like to find a computer program to generate exams using the current question pool. I have AUTOEXAM, but it uses the 1990 pools for Novice and Technician. Other than that, it seems like a nice piece of work; are current question pools available for that program?

you can get programs for all of the class tests via anonymous ftp to oak.oakland.edu in pub/msdos/hamradio/tec22.zip - this is the technician question pool. gen21.zip is the general test ...

there is also a lot of good stuff in /pub/hamradio

good luck. - Jerry

-----  
Date: 14 Jul 1994 14:32:17 GMT  
From: ihnp4.ucsd.edu!agate!cat.cis.Brown.EDU!adis-215.adis.brown.edu!  
user@network.ucsd.edu

Subject: CALL YOUR CONGRESSPERSON!!! (was Re: FCC Delays now at 17 weeks!  
To: info-hams@ucsd.edu

In article <301rr9\$6db@cat.cis.Brown.EDU>, md@pstc3.pstc.brown.edu (Michael P. Deignan) wrote:

> plaws@comp..uark.edu (Peter Laws) writes:  
>  
> You may want to tell your news admin that your news software is set up  
> wrong.  
>  
> > Imagine the folks that have to wait for \*real\* licenses!  
>  
> My general radiotel license took about 8 weeks, to the day.  
>

Yes but doesn't the FCC get a cut of that \$35.00 you pay?

--  
== Tony Pelliccio, KD1NR  
== Anthony\_Pelliccio@brown.edu, Tel. (401) 863-1880 Fax. (401) 863-2269  
== The opinions above are my own and not those of my employer.

-----  
Date: 14 Jul 1994 13:56:59 GMT  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!vixen.cso.uiuc.edu!  
newsrelay.iastate.edu!news.iastate.edu!isuvax.iastate.edu!TWP77@network.ucsd.edu  
Subject: Enough already  
To: info-hams@ucsd.edu

Jeff,  
It seems to me you were the only person saying -40F=-40C meant  
that you could cancel the -40s. Everyone else seemed to realize  
that since you can't put a degree sign in a usenet post, it was  
just deleted.

Sheesh

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Date: 13 Jul 94 17:36:49 EDT  
From: ihnp4.ucsd.edu!swrinde!gatech!dragon!hayes!bcoleman@network.ucsd.edu  
Subject: Keyers and Positive/Negative keylines  
To: info-hams@ucsd.edu

In article <CsL416.CG@srngenprp.sr.hp.com>, alanb@hpnmarb.sr.hp.com (Alan Bloom)  
writes:

> A few of the really old tube-type transmitters used cathode keying.  
> In that case, the open-circuit voltage can run +50 to +300V or more  
> with closed-circuit current being equal to the final amplifier current,  
> perhaps as much as an Amp. Make sure you have a well-insulated key  
> if you use one of these monsters!

My brother got a DX-40 early in his ham career, but it wasn't until after I got licensed that we really had a chance to try it. I was shocked (!) when I found that the cathode-keyed circuit had nearly 600 (!) volts across the key contacts key-up. Using a straight key, you'd also see a few small sparks as you sent. I considered this method of keying to be completely unsafe. Eventually, I converted the DX-40 to grid-block keying, and it worked pretty well. Sounded much better with the grid-block, but I did have a problem with the capacitors in my negative voltage supply occasionally self-destructing.

--

Bill Coleman, AA4LR ! Internet: bcoleman@hayes.com  
Principal Software Engineer ! AppleLink: D1958  
Hayes Microcomputer Products, Inc. ! CIS: 76067,2327  
POB 105203 Atlanta, GA 30348 USA !  
Disclaimer: "My employer doesn't pay me to have opinions."  
Quote: "The same light shines on vineyards that makes deserts." -Steve Hackett.

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Date: Tue, 12 Jul 94 09:21:49 CDT  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!vixen.cso.uiuc.edu!  
newsfeed.ksu.ksu.edu!moe.ksu.ksu.edu!kuhub.cc.ukans.edu!news.umkc.edu!  
UMSLVMA.UMSL.EDU!S965544@network.ucsd.edu  
Subject: LF Band experience?  
To: info-hams@ucsd.edu

I'm considering experimenting with FM modulated LF (160-190 Kh), and would be interested in hearing from anyone who has any experience in this area.  
RESPOND: S965544@UMSLVMA.UMSL.EDU (BILL)

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Date: Thu, 14 Jul 1994 03:49:38 GMT  
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!  
shopson@network.ucsd.edu  
Subject: Licensing...  
To: info-hams@ucsd.edu

Maybe the FCC could issue a series of call signs to VECs so that they could provide them to the person once they pass the test. The application could be sent into the FCC with this serialized call sign and entered into the computer when the application arrives, but the new ham could begin

transmitting as soon as he completes the test. This would work like the upgrades. If a VEC does not use all the issued call signs he could return the list to the FCC or give them to another VEC.

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---/\_/\_/\_

Cowabunga, dude.....

shopson@netcom.com

Scott Hopson

Costa Mesa, Ca.

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Date: 13 Jul 1994 22:23:29 -0700

From: ihnp4.ucsd.edu!swrinde!gatech!udel!news2.sprintlink.net!news.sprintlink.net!  
news.world.net!news.teleport.com!news.teleport.com!not-for-mail@network.ucsd.edu

Subject: Listening to Comet/Jupiter collision

To: info-hams@ucsd.edu

According to an article in July's QST, "Hear the impact?," Jupiter naturally emits decametric radiation between 3 and 39.5 Mhz and the most intense emissions are at 8 Mhz. The earth's ionosphere blocks the lower frequencies - especially during daytime hours - so the range between 18 and 30 Mhz is studied more intensely by radio astronomers. The article says that anyone with good 10, 12 or 15 meter antennas should be able to hear the comet fragments collide with Jupiter (at least 21 of them). Dr F. Reyes at U of Florida says the fragments might interact with the planet's magnetosphere and create short bursts of radio energy in the last 10 to 20 seconds before impact.

Current estimates put the first impact at 1926 UTC on July 16. Fragments will continue to hit Jupiter until 0800 UTC on July 22. They don't know the exact time each fragment will collide with Jupiter, but once the first one hits - they will know impact times very accurately. There will be one hit every 3 to 12 hours.

For more information, there is the ASTRONOMY INFO NUMBER (202)357-2000 (This is the Smithsonian Institution's Astronomy Information Number).

The book suggested is The Amateur Radio Astronomer's Handbook (Crown Publishers, 1986)

INTERNET ADDRESS (for detailed info): (FTP) astro.ufl.edu under pub/jupiter

It's this Saturday - so be listening. If anyone is really interested, they should pick up the July issue of QST and look on page 62.

Max  
N7NWG

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Date: Thu, 14 Jul 1994 05:51:27 GMT  
From: news.Hawaii.Edu!kahuna!jeffrey@ames.arpa  
Subject: Please read: Ham Radio Bootcamp (Long)  
To: info-hams@ucsd.edu

In article <300om6\$bvi@search01.news.aol.com> robb873302@aol.com (RobB873302)  
writes:

>HAM RADIO BOOTCAMP

>.....

>and even Morse code practice could be covered in such a net. VE's could

Interesting idea. I don't have a copy of the CFR regs for 11M - is  
A2 emission (modulated CW) allowed on there? I'd be happy to give  
code practice sessions on CB if it's legal. But would that be considered  
a broadcast (which I know is prohibited on 11M)?

Jeff NH6IL

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Date: Thu, 14 Jul 1994 03:42:22 GMT  
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!  
shopson@network.ucsd.edu  
Subject: Still waiting...  
To: info-hams@ucsd.edu

Well, it's been four days, I still have 13 weeks 3 days left before I  
can expect to receive my license. By that time I could be and Extra  
Class....

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---/\_\---  
,

Cowabunga, dude.....

shopson@netcom.com

Scott Hopson

Costa Mesa, Ca.

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Date: 14 Jul 94 09:07:00 GMT  
From: ihnp4.ucsd.edu!agate!iat.holonet.net!moondog!donald.davis@network.ucsd.edu  
Subject: VHF & UHF in NYC Metro Ar  
To: info-hams@ucsd.edu

SS>The crystals in it are as follows:

SS>1 147.09/147.69 - Queens Closed Repeater - PL-114.8 (16)  
SS>2 147.00/146.40 - Manhattan Closed Repeater - PL-136.5 (21)  
SS>3 146.88/146.28 - Staten Island Open  
SS>4 146.79/146.19 - Paramus N.J. Open - PL-136.5 (21)  
SS>5 146.97/146.37 - Beacon N.Y. Open  
SS>6 146.76/146.16 - Sayerville N.J. Open  
SS>7  
SS>8 146.94/146.34 - Rye N.Y. Open  
SS>9  
SS>10  
SS>11 146.58 simplex  
SS>12 146.52 simplex

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. QMPro 1.0 41-6392 . Where is the STUN setting on a Laser Printer?

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Date: Thu, 14 Jul 1994 03:22:08 GMT  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!gatech!newsxfer.itd.umich.edu!  
zip.eecs.umich.edu!yeshua.marcam.com!charnel.ecst.csuchico.edu!csusac!csus.edu!  
netcom.com!shopson@network.ucsd.edu  
Subject: Wanted 2 or 6 meter rig  
To: info-hams@ucsd.edu

Anyone got an old 2 or 6 meter rig for sale?

I've seen old 2 meter SSB rigs... Looking for something  
I can experiment with. 6 meters would be good also.

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\_/\_/  
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Cowabunga, dude.....

shopson@netcom.com

Scott Hopson

Costa Mesa, Ca.

-----  
Date: Wed, 13 Jul 1994 01:00:00 -0600  
From: conch!gruntwork.sps.mot.com!oakhill!val!afarm!fredmail@uunet.uu.net  
Subject: Which Ringo Do I Buy  
To: info-hams@ucsd.edu

On 11 Jul 94 01:22pm, Gary Coffman said the following:

GC> Short of buying a Cellwave antenna (mucho \$\$\$), a Comet or Diamond will  
GC> give the best bang for the buck. (Note you can \*build\* a Comet or  
GC> Diamond type antenna fairly easily and cheaply. That really gives the  
GC> best bang for the buck.)

Gary: Can you post the instructions for building a Diamond type  
antenna?

Gregory < KB5YK0 >

....  
\* Evaluation copy of Silver Xpress. Day # 147  
\* Silver Xpress V4.00

-----  
Date: Thu, 14 Jul 1994 05:35:49 GMT  
From: news.Hawaii.Edu!kahuna!jeffrey@ames.arpa  
To: info-hams@ucsd.edu

References <2vh2ps\$sus@masala.cc.uh.edu>, <CsKuw1.4vo@news.Hawaii.Edu>,  
<rwa.773613182@aupair.cs.athabascau.ca>  
Subject : Enough already! (was: Show work for full credit)

In article <rwa.773613182@aupair.cs.athabascau.ca> rwa@aupair.cs.athabascau.ca  
(Ross Alexander) writes:

>jeffrey@kahuna.tmc.edu (Jeffrey Herman) writes:

>

>>In article <2vh2ps\$sus@masala.cc.uh.edu> DJENKINS@jetson.uh.edu (Jenkins, David  
F.) writes:

>>>

>>>But if  $-40^{\circ}\text{F} = -40^{\circ}\text{C}$ , then  $F$  always =  $C$ , and \*that\* isn't right, either...

>

>>I hope you're not serious. You can't cancel the  $-40$  on both sides.

>>The  $F$  and  $C$  are units of measurement not multiplicative factors.

>

>>Sheesh - the TV generation.



>  
>F = 9/5 C + 32 (a formula taught in grade schools)  
>  
>-40 = 9/5 x -40 + 32  
>-40 = -72 + 32  
>-40 = -40

Look Ross, I'm not disputing the fact that the two scales coincide at -40 degrees, I was pointing out that you can't cancel the -40 on both sides: -40F = -40C does not imply that F = C for all temperatures. Now, if we have -40\*X = -40\*Y then that DOES imply that X = Y.

Sheesh.

Jeff NH6IL

-----  
Date: 14 Jul 1994 14:54:40 GMT  
From: ihnp4.ucsd.edu!agate!cat.cis.Brown.EDU!pstc3!md@network.ucsd.edu  
To: info-hams@ucsd.edu

References <301ja7\$495@wizard.uark.edu>, <301rr9\$6db@cat.cis.Brown.EDU>,  
<Anthony\_Pelliccio-140794103318@adis-215.adis.brown.edu>  
Subject : Re: CALL YOUR CONGRESSPERSON!!! (was Re: FCC Delays now at 17 weeks!)

In article <Anthony\_Pelliccio-140794103318@adis-215.adis.brown.edu>,  
Anthony\_Pelliccio@brown.edu (Tony Pelliccio) writes:

|> Yes but doesn't the FCC get a cut of that \$35.00 you pay?

No, I believe \$15 goes to the COLEM and \$20 to the local testing group to cover expenses.

MD  
--  
-- The best way for Bill Clinton to keep his  
-- legal fees down is to keep his zipper up.  
--

-----  
Date: 14 Jul 94 09:16:40 -0500  
From: ihnp4.ucsd.edu!swrinde!elroy.jpl.nasa.gov!lll-winken.llnl.gov!noc.near.net!news.tufts.edu!news.hnrc.tufts.edu!jerry@network.ucsd.edu  
To: info-hams@ucsd.edu

References <shopsonCsnIEq.2HM@netcom.com>, <Ro8wRPy.joekeen@delphi.com>,  
<301pb8\$7l1@server.st.usm.edu>ne  
Subject : Re: Passed the test, time to wait...

In article <301pb8\$7l1@server.st.usm.edu>, sbcleek@whale.st.usm.edu (Suzanne Buice Cleek) writes:

> I'll stay with my  
> no-code tech for now because work, school, etc doesn't provide time for  
> studying for upgrades.

The next step is to learn the code. If you have access to a personal computer, you might find working with a morse code program such as Super Morse to be an entertaining diversion for a few minutes a day.

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Date: 14 Jul 1994 10:41:07 -0400  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!news.intercon.com!news1.digex.net!  
digex.net!not-for-mail@network.ucsd.edu  
To: info-hams@ucsd.edu

References <2vud99\$gqj@cville-srv.wam.umd.edu>, <2vujjd\$j1r9@src-news.pa.dec.com>,  
<3000gt\$eds@gap.cco.caltech.edu>  
Subject : Re: Lack of professional consideration for HAM operators

In article <3000gt\$eds@gap.cco.caltech.edu>, Paul J. Brewer wrote:

> I don't know why people assume that paying for the liscence would encourage  
> better service. This is true for the private sector but is cewrtainly  
> not true for the public sector.

>

> Suppose the fee was \$25, and it was still a 12 week wait. Would we pay....  
> yes. Would they have a reason to improve.... not necessarily. After all,  
> they have a monopoly -- they can charge whatever they want and take  
> however long they want. Other examples include the motor vehciles dept.  
> of any state.

>

> Paul Brewer KI6CQ  
> pjb@cco.caltech.edu

>

How many of you get REAL COURTEOUS service at your state's motor vehicles agencies? That's govt fee based services for you...

Andy N3LCW

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Date: 14 Jul 1994 10:41:23 -0400  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!news.intercon.com!news1.digex.net!

digex.net!not-for-mail@network.ucsd.edu  
To: info-hams@ucsd.edu

References <381@doghouse.win.net><2vu2d0\$if7@cat.cis.Brown.EDU>,  
<387@doghouse.win.net>, <300mv7\$rib@cat.cis.Brown.EDU>  
Subject : Re: The Amateur Radio Service is a Joke

In article <300mv7\$rib@cat.cis.Brown.EDU>, Michael P. Deignan wrote:

.....  
>  
> If you have a person jamming your repeater today, you can't get the FCC to  
> lift a finger. Numerous cases have been cited here about troublemakers whom,  
> even after you've caught and they've admitted to it, continue to cause  
> problems. A troublemaker has to interfere with other services before the  
> FCC even takes notice. The net result will be more lawsuits and guerilla  
> warfare as the only way to fight the RF terrorist will become lowering  
> yourself to their level. Someone in this very newsgroup posted how they  
> planted a white-noise generator near a repeater to wreck havoc and get it  
> off the air.  
>  
> Then we have some pundits crying for virtually no testing or licensing  
> standards. ITS MY RIGHT! I'M BREATHING, AREN'T I?!?  
>  
>  
.....  
> MD  
> --  
> -- The best way for Bill Clinton to keep his  
> -- legal fees down is to keep his zipper up.

Something I heard while I lived in Orlando, Fla on a 2M repeater re;a jammer.

'....guess we got a house torching party this weekend...'

I guess this is what happens when the authorities take a hands-off approach  
to criminal activities; a sign of the times?

Andy

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Date: 14 Jul 1994 16:50:38 -0700  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!gatech!asuvax!chnews!  
ornews.intel.com!ornews.intel.com!not-for-mail@network.ucsd.edu  
To: info-hams@ucsd.edu

References <2vu2ii\$if7@cat.cis.Brown.EDU>, <3049e7\$pip@ornews.intel.com>,

<304acu\$bfm@chnews.intel.com>ntel  
Subject : Re: 2M opening to Hawaii de CA.

In article <304acu\$bfm@chnews.intel.com> Tom WB7ASR <tom\_boza@ccm.hf.intel.com> writes:

>  
>When I lived in Ohio (ex: WA8NSH) 20 some years ago, I worked W1AW on  
>two meter FM through a Pittsburg, PA repeater. I know I could of just  
>pick up the phone and called W1AW, however its fun to play with radios  
>when you get conditions which are unexpected. That's what the hobby is  
>all about, playing and having fun!!!  
>  
>Tom WB7ASR...

Hmm. My longest 2 meter FM contact was when I worked Columbus, Ohio from Bristol, VA through a Smokey Mt. Repeater. This was something like 300 miles. I'm still impressed that I can't do that out West here where we have bigger mountains but probably too many mountains. I was using my brand new FT-07 Yaesu handheld, first one out with microprocessor. I can reliably get the guy in Hawaii who is on RS-10. Why is it that all the DX hams are on the Big Island? I used to work a guy on 10 meter AM all the time who was on the Big one.

Sure, I used to talk to Hawaii all the time on HF when the sunspot cycles were hot, but it got to be too common so now I listen for weak ones on VHF and UHF. No Hawaii yet and no skip anymore much either.

--

zardoz@ornews.intel.com WA7LDV  
I speak only for myself.

from Oregon - The BEAVER state  
A Honeymoon salad = lettuce alone

-----  
Date: 14 Jul 1994 15:03:59 GMT  
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!  
newsxfer.itd.umich.edu!zip.eecs.umich.edu!yeshua.marcam.com!wrdis02.robins.af.mil!  
lakeith@network.ucsd.edu  
To: info-hams@ucsd.edu

References <CstyJ4.Ctp@sword.eng.hou.compaq.com>, <2vud99\$ggqj@cville-srv.wam.umd.edu>, <2vujjd\$j1r9@src-news.pa.dec.com>ch.e  
Subject : Re: Lack of professional consideration for HAM operators

I think a one week cycle is a little optimistic. However, I think that Amateur Radio Operators should defray the cost of processing license applications. If we did, then we would have a reason to complain if the processing time is excessive.

If I understand the situation correctly, Congress would have to pass a law that would allow the FCC to assess fees for processing amateur

radio applications and allow the FCC to use the revenue to pay the salaries of additional employees. I am not sure that it is quite that simple. If the present computer system does not allow multiple access to the data, then throwing people at the problem will not help, as an example.

If you really want to help, I suggest a letter to your representatives and to the FCC that makes the following points:

1. The current processing delay in the issue of new/modified amateur radio licenses is detrimental to amateur radio. These delays inhibit some potential candidates from testing for an amateur radio license and suggest that the federal government does not support amateur radio.

2. If processing delays can be reduced by hiring additional personnel, then the best solution is impose a processing fee for each license application and use the revenue to pay additional FCC employees.

3. As a licensed Amateur Radio Operator, I support the collection of fees from applicants to provide the revenue required to operate the Amateur Radio Licensing activity of the Federal Communications Commission as long as the fee is charged for each and every application. I would not support a plan where some applications are processed for free while other applicants are charged for the same service.

OK, who is going to get the ball rolling?

73,

Larry, KQ4BY

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End of Info-Hams Digest V94 #794

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